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People...Partnership...Performance

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Our vision: By focusing on **People** working collaboratively in full **Partnership**, we will achieve **Performance** for “Keeping the U.S. Coast Guard the world’s best ...properly equipped and fully prepared to meet every maritime challenge of the 21st Century.”

INTEGRATED DEEPWATER SYSTEM TEAM COMPLETES FIRST CUTTER-BASED COMM SYSTEM UPGRADE ON USCGC NORTHLAND

The first phase of Command, Control, Communications and Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) upgrades on the USCGC NORTHLAND under the Integrated Deepwater System Program has been completed. The 270-foot medium endurance cutter’s upgrade was performed in conjunction with similar upgrades to the Communications Area Master Station Atlantic (CAMSLANT) and provides immediate performance benefits within existing communications. The improvements allow access to a variety of classified intelligence and data sources that had not been available to the cutter in the past.

Among the enhancements, USCGC NORTHLAND will have access to classified and unclassified data communications through the U.S. Department of Defense Secret Internet Protocol Network (SIPRNET). Future upgrades will include doubling of data bandwidth and tools to better

manage the allocation of bandwidth that will enable cutters to exchange information more rapidly.

This is the first in a series of upgrades planned for the 270-foot cutter under the Deepwater modernization process. The initial upgrade was accomplished through the joint efforts of the Integrated Coast Guard Systems (ICGS) team, Coast Guard personnel and the crew of the USCGC NORTHLAND.

Upgrades to the entire fleet of 270-foot medium endurance cutters will take place over the next six months. The next cutter to undergo the process will be USCGC TAMPA. Following the upgrades to the 270-foot cutters, the modernization process will continue with the 378-foot high endurance cutters and the 210-foot medium endurance cutters. Communication Area Master Station Pacific (CAMSPAC) will also undergo C4ISR upgrades in 2004.



USCGC NORTHLAND (WMEC 904)

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Department of Homeland Security Secretary Tom Ridge, Coast Guard Commandant Admiral Thomas H. Collins, and Master Chief Petty Officer of the Coast Guard Frank Welch render salutes at the Coast Guard Memorial during a Veteran's Day Wreath Laying Ceremony at Arlington National Cemetery on November 11, 2003. USCG photo by Telfair H. Brown, Sr.

“Today and every day, the prayers of the American people are with those who wear our country's uniform. They serve a great cause and they follow a great tradition, handed down to them by America's veterans. Our veterans from every era are the finest of citizens. We owe them the life we know today. They command the respect of the American people, and they have our lasting gratitude”.

***President George W. Bush — November 11, 2003
Arlington National Cemetery***



DEEPWATER UPDATE BRIEF HELD AT COAST GUARD HEADQUARTERS

By Gordon I. Peterson

Top officials from Deepwater's Coast Guard-industry team delivered an upbeat program assessment at Coast Guard Headquarters in Washington, D.C., on November 18. The briefing was part of an ongoing effort to communicate news and information on the program to its many internal and external stakeholders.

Noting that Deepwater is the largest performance-based acquisition program in the United States in terms of its scope and monetary value, Program Executive Officer RADM Patrick M. Stillman emphasized that the Coast Guard is benefiting from the technical and systems-integration expertise that its partner in industry, Integrated Coast Guard Systems (ICGS), brings to the program. "The Coast Guard can't do this on its own," Stillman said, "it's a public-private partnership."



Other officials participating in the briefing included ICGS President Gerry Moorman, Deputy IDS Program Executive Officer Gregory Giddens, and CAPT Richard R. Kelly, the IDS sponsor's representative in the Operations Directorate at Coast Guard Headquarters. Representatives from Bell Helicopter and EADS CASA were also on hand.

Each of Deepwater's domains made significant progress during the past year, and the program is structured to permit spiral and evolutionary development as it matures. "We will keep our options open to insert and improve technology as we build out the program," Stillman said. Stillman and Giddens also observed that funding for the program had been increased to \$668.2 million for fiscal year 2004. "A 33 percent increase to the president's budget indicates many people in the political arena feel this is an important program," Stillman said. "We intend to put that money to good use," said Giddens.

Moorman described some of the difficult challenges facing the program, but asserted that "performance will get the job done." CAPT Kelly described his office's work during the past year to keep the Deepwater program focused toward the future. He stressed three key areas of emphasis: updating the Deepwater Mission Needs Statement in the very near future; pursuing the establishment of a robust modeling and simulation and analysis capability for the Coast Guard; and increasing Coast Guard expertise in Operational Test and Evaluation through teaming with Commander, Operational Test and Evaluation Forces in Norfolk, VA. More extensive reliance on modeling and simulation will allow more accurate predictions of overall system performance. The Coast Guard must have the tools to project operational effectiveness to ensure our future Coast Guard is effective. "We will take a fundamentally sound project and make it better," he said.

The entire Deepwater update brief can be found at: <http://www.uscg.mil/hq/g-a/deepwater/pdf/UpdatePresentation.pdf>

BOFORS 57mm GUN LIVE FIRE TESTING



Naval Surface Warfare Center Dahlgren (NSWCD) is currently conducting the testing and certification of the EX 110 Mod 0 / 57 mm Naval Gun Mount for the Coast Guard's Deepwater Program. The Bofors MK3/57 mm Gun Mount is intended to be installed on the National Security Cutter. On November 4 and 5, 2003, NSWCD completed the series of live fire tests of the 57 mm Gun Mount. A total of fifty-five rounds were fired to collect preliminary data on blast effects, toxicity, determine baseline trajectory, and test the integrity of the gun and ammunition loading system. The test firings were conducted at NSWCD's firing range located on the Potomac River. Of the fifty-five rounds fired, twenty-nine rounds were inert Training Practice (TP) rounds and twenty-six were high explosive programmable, pre-fragmented, projectile (3P) rounds. Gunner's Mate First Class William Pike of Naval Engineering Support Unit Boston assisted the Test Fire Team as a fully trained 57mm Gun Technician and served as the Coast Guard's on-site representative.

*~ Submitted by LT Timothy Hackett, Deepwater
Sponsor's Representative (G-OC), Combat Systems*

USCGC MATAGORDA

USCGC MATAGORDA, the first island class cutter to undergo the Deepwater 110-123 modernization process, was successfully launched after spending several months at Bollinger's Lockport facility. The cutter is currently undergoing completion of outfitting, installation and testing, specifically of the new C4ISR equipment. USCGC MATAGORDA is scheduled for delivery during the 2nd Quarter of 2004.

